

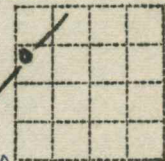
10-19-15W
 ✓

Company - HELMERICH & PAYNE, INC.
 Farm - Seeber "A" No. 3

SEC. 10 T. 19 R. 15 W
 NW SW NW

Total Depth. 3509'
 Comm. 6-21-45 Comp. 7-12-45
 Shot or Treated.
 Contractor.
 Issued. 8-25-45

County. Barton
 KANSAS



Elevation. 1966 ft

Production. Dry

CASING:

10 3/4" 930' Cem.
 5 1/2" 3428' Cem.

Figures Indicate Bottom of Formations.

surface soil	0-150
shale & sand strks	170
sand	180
shale & shells	285
shale	300
shale & shells	365
Dakota sand	440
lime	480
Dakota sand	535
red bed	625
red bed & shells	840
shale & shells	920
anhydrite	955
shale & shells	1650
lime & shale	1755
lime sdy	1850
lime	2200
lime brkn	2270
lime	2535
lime & shale	2590
lime brkn & shale	2660
lime	2720
lime & shale	2959
lime	3509
Total Depth.	

Tops:
 Dakota Sand 365
 Lans.-K. C. 3233
 Base K.C. 3450
 Pre-Cambrian
 (Schist) 3471

Water in all breaks in the Kans. City.